1 / 11

	VH		0004	F2
10F6 5E5 10D10 12B5 12D5 12E10	F1 1 MAQVQLQESGGEM 1 MAEVQLVQSGGGL 1 MAEVQLVQSGGGV 1 MAQVQLVQSGGGL 1 MAQVQLVESGGGL 1 MAQVQLQSGPGL	VKPGGSLRLSC VQPGGSLSLSC VRPGGSLSLSC VKPGGSLRLSC	CAASGFTFSDYYM CAVSGITLRTYGM CAVSGITLRTYGM CAASGFTFSSHNM	GWVRQMPGRGLEWM SWIRQAPGKGLEWV HWVRQAPGKGLEWV HWVRQAPGKGLEWV NWVRQAPGKGLEWV
	CDR2		F3	
10F6 5E5 10D10 12B5 12D5 12E10	51 SYISSSGSTIYY 51 AGISFDGRSEYY 51 AGISFDGRSEYY 51 SSISSSSYIYY	ADSVKGRFTIS ADSVKGRFTIS ADSVQGRFTIS ADSVKGRFTIS	RDNSKNTLYLQM RDNSKNTLYLQM RDSSKNTLYLQM RDNAKNSLYLQM	SSLKASDTAMYYCAR NSLRAEDTAVYYCAR NSLRAEDTAVYYCAR NSLRAEDTAVYYCAR NSLRAEDTAVYYCAR NSLRAEDTAVYYCAR
	CDR3 F	4	v	L F1
10F6 5E5 10D10 12B5 12D5 12E10	101 -WSGEDAFDIWG 101 -DRGSYGMDVWG 101 -G-AHYGFDIWG 101 -DRGSTGMDVWG	QGTMVTVSSGG RGTMVTVSSGG QGTMVTVSSGG RGTLVTVSSGG	GGSGGGGSGGG: GGSGGGGGSGGGG: GGTGGGGGSGGGG: GGSGGGGSGG	SQSVLTQ-PASVSGS SDIVMTQSPSTLSAS SDIQMTQSPSTLSAS SDIQMTQSPSTLSAS SDIQMTQSPSTLSAS SSYVLTQ-PPSVSGS
	•	CDR1	F2	CDR2
10F6 5E5 10D10 12B5 12D5 12E10	150 VGDRVAITCRAS 150 IGDRVTITCRAS 149 IGDRVTITCRAS 150 IGDRVTITCRAS	EGIYHWLA EGIYHWLA EGIYHWLA EGIYHWLA	WYQQKPGKAPKL WYQQKPGKAPKL WYQQKPGKAPKL WYQQKPGKAPKL	LIYGNSNRPSGVPDR LIYKASSLASGAPSR LIYKASSLASGAPSR LIYKASSLASGAPSR LIYKASSLASGAPSR MIYEGSKRPSGVSNR
	F3		CDR3	F4
10F6 5E5 10D10 12B5 12D5 12E10	200 FSASKSGNTASI 197 FSGSGSGADFTI 197 FSGSGSGTDFTI 196 FSGSGSGTDFTI 197 FSGSGSGTDFTX 195 FSGSKSGNTASI	TISSLQPDDF/ TISSLQPDDF/ TISSLQPDDF/ TISSLQPDDF/	ATYYCQQYSNYPL ATYYCQQYSNYPL ATYYCQQYSNYPL ATYYCQQYSNYPL	-TFGGGTKLEVKRAA -TFGGGTKLEILRAA -TFGGGTELEIKRAA -TFGGGTKLEIKRAA

FIG._1

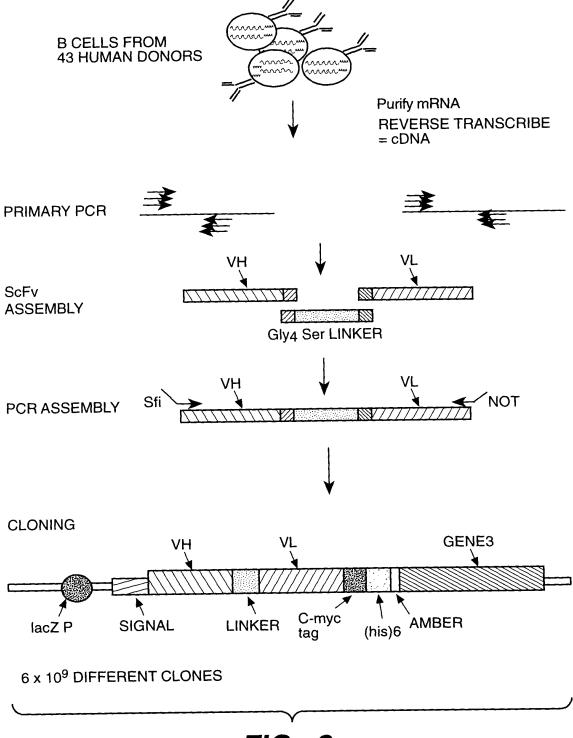
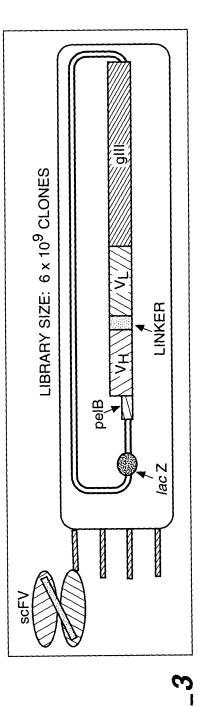
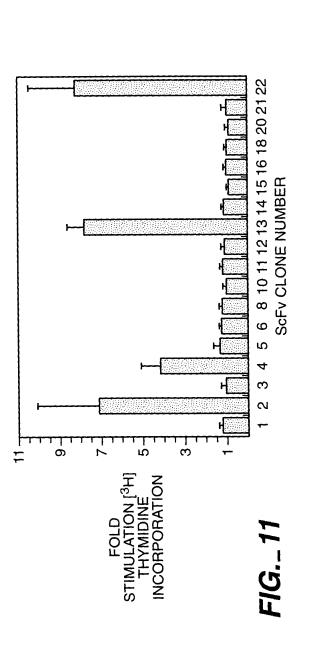
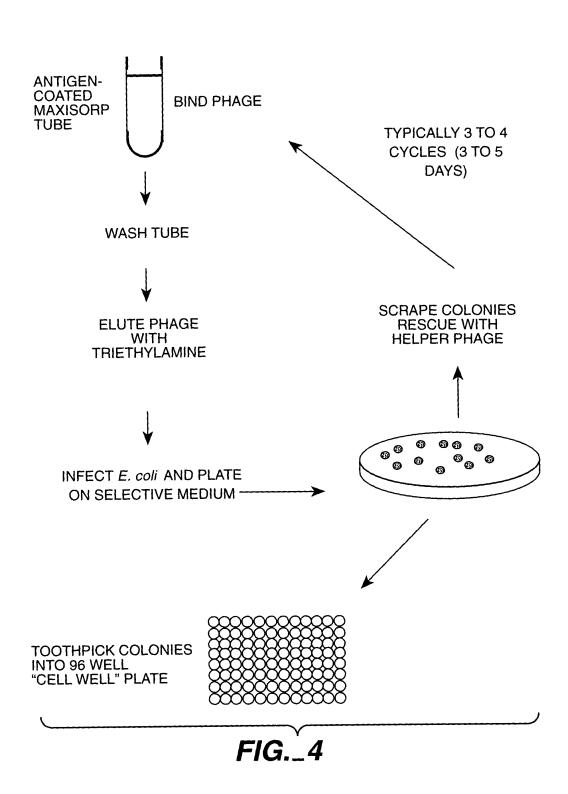


FIG._2







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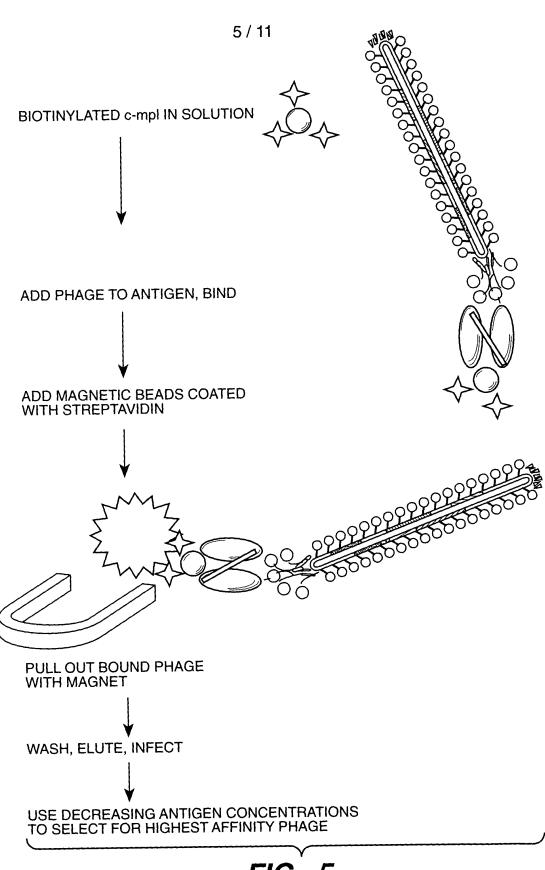


FIG._5

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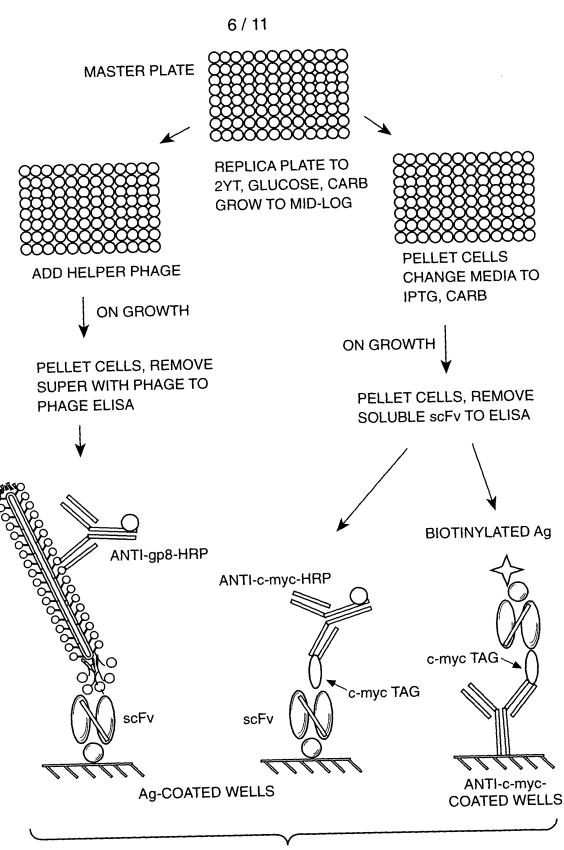
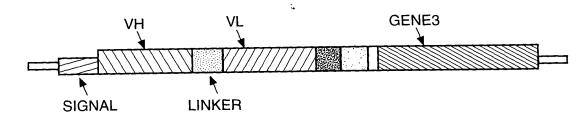


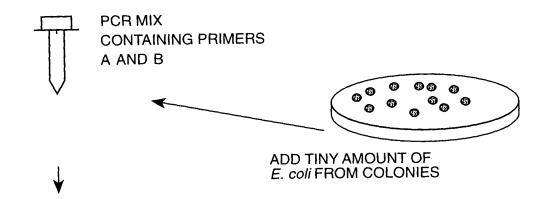
FIG._6

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1Kb BAND IN SEEN ON AGAROSE GEL

DIGEST WITH RESTRICTION ENZYME BstNI

ANALYZE PRODUCTS ON 3% AGAROSE GEL

FIG._7

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12 B2 12 B5 12 B5 12 B8 12 D5 12 D9 12 E10 12 F1 12 F1 15 A5 15 A5 15 B5 16 C6 M

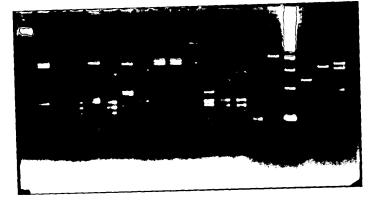


FIG._8A

9 A7 9 A10 9 B6 9 D2 9 D8 9 E4 9 A2 9 A2 10 A2 10 A2 10 B2 10 B2 10 B5



FIG._8B

M 13 A3 13 A8 13 A12 13 B4 13 B10 13 B10 13 C2 M M M M M 13 C5 13 C9 13 C9 13 D6 13 D6 13 E8 13 E8

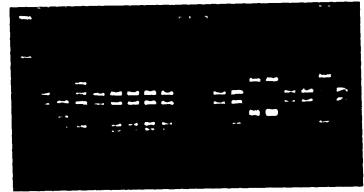
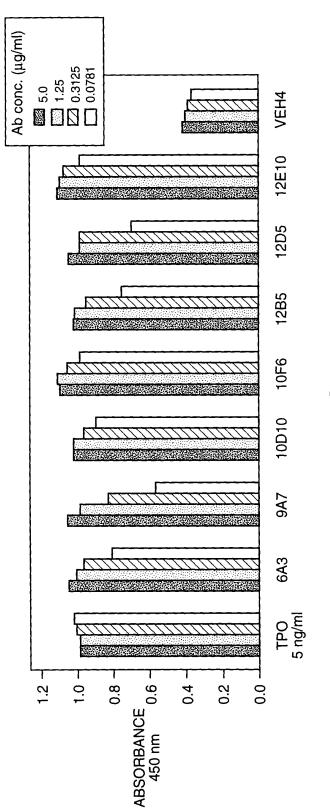
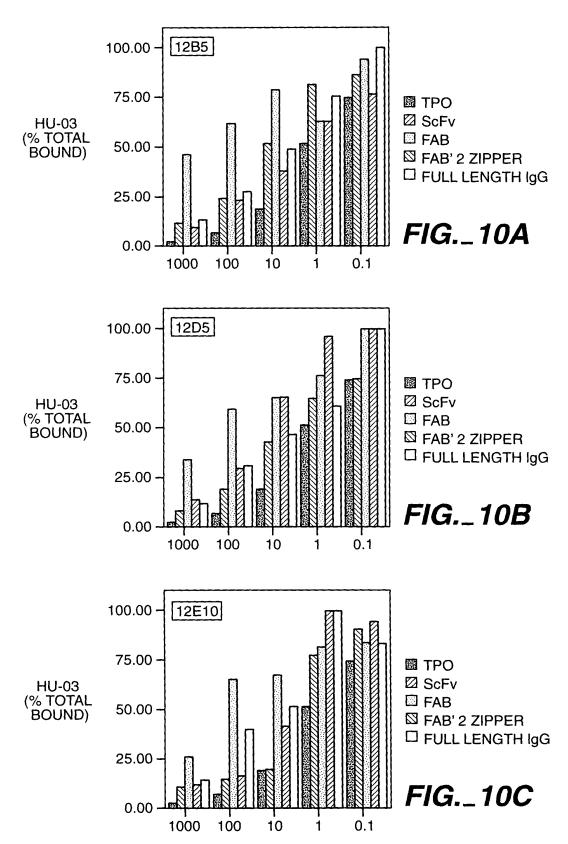


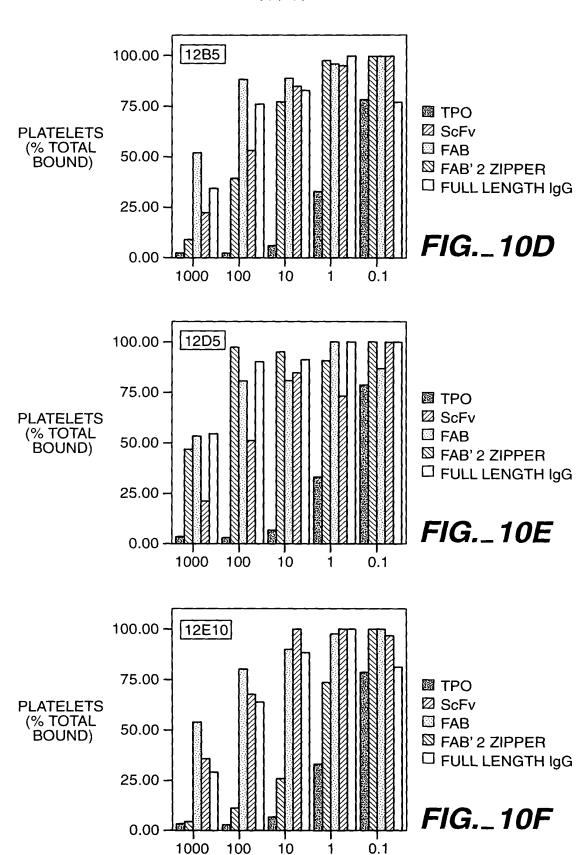
FIG._8C





-1G._9





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